

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1-21. (canceled).

22. (currently amended): A method of searching for data in heterogeneous data sources with a computer system, the method comprising:  
receiving a request for data at a given federated data source; and  
from the given federated data source, retrieving data from a plurality of datastores,  
including:

data from one or more terminal data repositories,  
data, with a schema conceptual view of the data, from one or more other  
federated data sources, and

data, without a schema conceptual view of the data, from one or more search  
gateway data sources;

the given federated data source providing a unified schema conceptual view of: (a) the  
data from the plurality of datastores, (b) the data from the terminal data repositories, and (c) the  
data and schema conceptual view from the other federated data sources~~The method of searching~~  
~~for data in heterogeneous data sources with a computer system according to claim 1,~~

wherein said one or more search gateway data sources is a Domino Extended Search (DES).

23. (currently amended): An apparatus for searching for data in one or more heterogeneous data sources, comprising:

a computer system accessing said one or more heterogeneous data sources; and

one or more computer programs, performed by the computer system, for:

receiving a request for data at a given federated data source; and

from the given federated data source, retrieving data from a plurality of datastores, including:

data from one or more terminal data repositories,

data, with a schema conceptual view of the data, from one or more other federated data sources, and

data, without a schema conceptual view of the data, from one or more search gateway data sources;

the given federated data source providing a unified schema conceptual view of: (a) the data from the plurality of datastores, (b) the data from the terminal data repositories, and (c) the data and schema conceptual view from the other federated data sources~~The apparatus for searching for data in one or more heterogeneous data sources according to claim 8,~~

wherein said one or more search gateway data sources is a Domino Extended Search (DES).

24. (currently amended): An article of manufacture comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform method steps for searching for data in one or more heterogeneous data sources within a computer system, the method comprising:

receiving a request for data at a given federated data source; and  
from the given federated data source, retrieving data from a plurality of datastores,  
including:  
data from one or more terminal data repositories,  
data, with a schema conceptual view of the data, from one or more other  
federated data sources, and  
data, without a schema conceptual view of the data, from one or more search  
gateway data sources;  
the given federated data source providing a unified schema conceptual view of: (a) the  
data from the plurality of datastores, (b) the data from the terminal data repositories, and (c) the  
data and schema conceptual view from the other federated data sources~~The article of~~  
~~manufacture according to claim 15,~~  
wherein said one or more search gateway data sources is a Domino Extended Search  
(DES).